

E.J. Malone
Powder Mill Fish Hatchery (NH Fish&Game)
288 Merrymeeting Road
New Durham, NH 03855

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 173105

Client Identification: None

Date Received: 9/7/2017



Dear Mr. Malone:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

> : "greater than" followed by the reporting limit

%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

Q-15-17
Date

# of pages (excluding cover letter)



## SAMPLE CONDITIONS PAGE

EAI ID#: 173105

than thermal preservation)

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: None

Acceptable temperature range (°C): 0-6

173105.03 Outfall 002

Temperature upon receipt (°C): 1.3

Received on ice or cold packs (Yes/No): Y

Adheres to Sample Acceptance Policy

		Date		Sample % Dry	
Lab ID	Sample ID	Received	Sampled	Matrix Weight	Exceptions/Comments (other than
173105.01	Inflow	9/7/17	9/7/17	aqueous	Adheres to Sample Acceptance Policy
173105.02	Outfall 001	9/7/17	9/7/17	aqueous	Adheres to Sample Acceptance Policy

9/7/17

aqueous

9/7/17

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



## LABORATORY REPORT

EAI ID#: 173105

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: None

Sample ID:	Inflow	Outfall 001	Outfall 002	-				
Lab Sample ID:	173105.01	173105.02	173105.03					
Matrix:	aqueous	aqueous	aqueous					
Date Sampled:	9/7/17	9/7/17	9/7/17			Analysis		
Date Received:	9/7/17	9/7/17	9/7/17	RL	Units	Date Time	Method	Analyst
Solids Suspended	< 2	< 2	< 2	2	mg/L	9/08/17 16:00	2540D-97	ATA
Total Phosphorus-P	< 0.01	0.08	0.04	0.01	mg/L	9/11/17 13:04	365.1	SEL

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BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

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				VOC	Ö	1		S	SVOC	O		TCLP	M	TCLP METALS			Z	첫	NORGANICS	N N	ò		I	Ċ S	0	日	MICRO OTHER	<u>کر</u> ر			
	SAMPLING DATE/TIME	SEE BELOW)	COMPOSITE	524.2 MTBE ONLY VTICs	HALOS	MAVPH		L2	MAEPH	PCB 608 PCB 8082		BN METALS Herb	(LIST BELOW)	T BELOW)		SO <sub>4</sub> NO <sub>3</sub> NO <sub>2</sub>		T. Phos. O. Phos.	LORINE	TOC DOC	TOTAL SULFIDE	REACTIVE SULFIDE	E. Coli		TE COUNT						
SAMPLE I.D.	INDICATE BOTH START & FINISH DATE/TIME			524.2 524.2 BTEX 8260B 624 I, 4 DIOXANE	802IB BTEX		ABN A BN	TPH8100 LI		PEST 608 PEST 8081A	OIL & GREASE 16	TCLP 1311 AE VOC PEST	DISSOLVED METALS	TOTAL METALS (LIS	OT (227) 2.1	BR CI F NO <sub>2</sub> NO <sub>3</sub> I	BOD CBOD	TKN NH₃ (	pH T. Res. CH	COD PHENOLS		REACTIVE CYANIDE	TOTAL COLIFORM	FECAL COLIFORM ENTEROCOCCI	HETEROTROPHIC PLA				# of Containers	훈 <b>로</b>	NEOH VIAL #
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ATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WATER; WW-WASTE WATER	SW-SURFACE WATER; DW-DRINKIN	IG WAT	异					-																							
RESERVATIVE: H-HCL; N-HNO;; S-H,SO4; Na-NaOH; M-MEOH	a-NaOH; M-MEOH		-		_		-	_													-	-			-		-	-	-		
ROJECT MANAGER: ES Malane					DA	M M	DATE NEEDED:	DED	l i									T N	1	W	<u> </u>	3	METALS:		8 RCRA	Ã	13 PP	Ť	æ	¥	PB, CU
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JLATORY PROGRAM: NPDES GWP, OIL FUND, BROWN	RGP POTW STORMWATER OR				RELINQUISHED BY:	NOU NOU	RELINQUISHED BY:	₽ P	12000	DATE:	DATE:		_ 63_	236			RECEIVED BY:	3 V 2		M	1.6	 Si	Site History:	)  - 							
10TE #:	P0 #:				25	2	RELINQUISHED BY:		•	_	DATE			T <sub>M</sub> F.		~	RECEIVED RY-	₽ Y					PECTE	SUSPECTED CONTI	Suspected Contamination: Fig. n. Readings:	TION:_					

Arofessional laboratory & drilling services

25 Chenell Drive | Concord, NH 03301 | Tel: 603.228.0525 | 1.800.287.0525 | Fax: 603.228.4591 | E-Mail: customerservice@eailabs.com www.eailabs.com

(WHITE: ORIGINAL GREEN: PROJECT MANAGER)